

IN THE CLAIMS:

- 1 1. (Currently Amended) A method for testing a network protocol comprising:
2 executing communication between a plurality of devices using said network
3 protocol;
4 receiving a command comprising code to modify one of a plurality of protocols in
5 a protocol stack of said network protocol; and
6 performing said modification on said one of said plurality of protocols in said
7 protocol stack.
- 1 2. (Original) The method of claim 1 wherein said command is received in interpreted
2 code.
- 1 3. (Original) The method of claim 1 further comprising:
2 determining said one of said plurality of protocols in said stack to modify responsive
3 to receiving said command.
- 1 4. (Original) The method of claim 1 further comprising:
2 determining whether said command is adding a message to said one of said plurality
3 of protocols; and
4 adding said message to said one of said plurality of protocols.
- 1 5. (Original) The method of claim 1 further comprising:

2 determining whether said command is to remove a message from said one of said
3 plurality of protocols; and
4 removing said message from said protocol.

1 6. (Original) The method of claim 1 further comprising:
2 determining whether said command is to modify an existing message in said one of
3 said plurality of protocols;
4 removing said existing message from said one of said plurality of protocols; and
5 adding a new message to said one of said plurality of protocols including said
6 existing message with modifications in said command.

1 7. (Original) The method of claim 1 further comprising:
2 determining whether said command is to modify a state machine of said protocol;
3 and
4 modifying said state machine of said one of said plurality of protocols responsive to
5 said command.

1 8. (Currently Amended) An apparatus for testing a network protocol comprising:
2 means for executing communication between a plurality of devices using said
3 network protocol;
4 means for receiving a command comprising code to modify one a plurality of
5 protocols in a protocol stack of said network protocol; and
6 means for performing said modification on said one of said plurality of protocols in

7 said protocol stack.

1 9. (Original) The apparatus of claim 8 wherein said command is received in
2 interpreted code.

1 10. (Original) The apparatus of claim 8 further comprising:
2 means for determining said one of said plurality of protocols in said stack to modify
3 responsive to receiving said command.

1 11. (Original) The apparatus of claim 8 further comprising:
2 means for determining whether said command is adding a message to said one of
3 said plurality of protocols;
4 means for adding said message to said one of said plurality of protocols.

1 12. (Original) The apparatus of claim 8 further comprising:
2 means for determining whether said command is to remove a message from said one
3 of said plurality of protocols; and
4 means for removing said message from said protocol.

1 13. (Original) The apparatus of claim 8 further comprising:
2 means for determining whether said command is to modify an existing message in
3 said one of said plurality of protocols;
4 means for removing said existing message from said one of said plurality of

5 protocols; and
6 means for adding a new message to said one of said plurality of protocols including
7 said existing message with modifications in said command.

1 14. (Original) The apparatus of claim 8 further comprising:
2 means for determining whether said command is to modify a state machine of said
3 protocol; and
4 means for modifying said state machine of said one of said plurality of protocols
5 responsive to said command.

1 15. (Currently Amended) A computer readable medium carrying one or more
2 instructions for testing a network protocol, the one more instructions including
3 instructions which executed by one or more processors, cause the one or more
4 processors to perform the method comprising:
5 executing communication between a plurality of devices using said network
6 protocol;
7 receiving a command comprising code to modify one of a plurality of protocols in a
8 protocol stack of said network protocol; and
9 performing said modification on said one of said plurality of protocols in said
10 protocol stack.

1 16. (Original) The medium of claim 15 wherein said command is received in
2 interpreted code.

1 17. (Original) The medium of claim 15 wherein said method further comprises:
2 determining said one of said plurality of protocols in said stack to modify responsive
3 to receiving said command.

1 18. (Original) The medium of claim 15 wherein said method further comprises:
2 determining whether said command is adding a message to said one of said plurality
3 of protocols;
4 adding said message to said one of said plurality of protocols.

1 19. (Original) The medium of claim 15 wherein said method further comprises:
2 determining whether said command is to remove a message from said one of said
3 plurality of protocols; and
4 removing said message from said protocol.

1 20. (Original) The medium of claim 15 wherein said method further comprises:
2 determining whether said command is to modify an existing message in said one of
3 said plurality of protocols;
4 removing said existing message from said one of said plurality of protocols; and
5 adding a new message to said one of said plurality of protocols including said
6 existing message with modifications in said command.

1 21. (Original) The medium of claim 15 wherein said method further comprises:
2 determining whether said command is to modify a state machine of said protocol;

3 and
4 modifying said state machine of said one of said plurality of protocols responsive to
5 said command.

1 22. (Currently Amended) An apparatus for testing a network protocol comprising:
2 circuitry configured to execute communication between a plurality of devices using
3 said network protocol;
4 | circuitry configured to receive a command comprising code to modify one of a
5 plurality of protocols in a protocol stack of said network protocol; and
6 circuitry configured to perform said modification on said one of said plurality of
7 protocols in said protocol stack.

1 23. (Original) The apparatus of claim 22 wherein said command is received in
2 interpreted code.

1 24. (Original) The apparatus of claim 22 further comprising:
2 circuitry configured to determine said one of said plurality of protocols in said stack
3 to modify responsive to receiving said command.

1 25. (Original) The apparatus of claim 22 further comprising:
2 circuitry configured to determine whether said command is adding a message to said
3 one of said plurality of protocols; and
4 circuitry configured to add said message to said one of said plurality of protocols.

1 26. (Original) The apparatus of claim 22 further comprising:
2 circuitry configured to determine whether said command is to remove a message
3 from said one of said plurality of protocols; and
4 circuitry configured to remove said message from said protocol.

1 27. (Original) The apparatus of claim 22 further comprising:
2 circuitry configured to determine whether said command is to modify an existing
3 message in said one of said plurality of protocols;
4 circuitry configured to remove said existing message from said one of said plurality
5 of protocols; and
6 circuitry configured to add a new message to said one of said plurality of protocols
7 including said existing message with modifications in said command.

1 28. (Original) The apparatus of claim 22 further comprising:
2 circuitry configured to determine whether said command is to modify a state
3 machine of said protocol; and
4 circuitry configured to modify said state machine of said one of said plurality of
5 protocols responsive to said command.